

CONTRIBUTION TO THE LICHEN FLORA OF BRAZIL V.
Three interesting records from Rio Grande do Sul.

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Among the lichens collected by the junior author in the Brazilian state of Rio Grande do Sul three interesting species could be identified. These are either new records for the state flora or they amplify their previously known distribution area.

The collections here reported are preserved in the Museu de Ciencias, Pontificia Universidade Catolica do Rio Grande do Sul, Porto Alegre (PUCRGS/MC) and the Duplicatas in the senior's private herbarium.

Cladonia confusa R. Sant.

BRASIL: Rio Grande do Sul, Cambará do Sul, on stones, Febr. 1978, leg. C.S.Arbelo Martins (PUCRGS/MC, Herb. Osorio).

The subgenus Cladina is rather scarcely reported in the literature for Rio Grande do Sul. Des Abbayes (1939) mentions two collections of Cladonia impexa for this state but he does not indicate localities. In no later revisions of this subgenus (Santesson 1942, Ahti 1961) are mentioned neither such collections nor even any other. However both authors mention several collections of Cladonia confusa in the neighbouring state of Santa Catalina, all belonging to the last century, in which this species seems to be common.

The specimens studied by the authors are in agreement with the descriptions given by Santesson and Ahti (loc. cit.) and with the material collected in Uruguay: Rocha: Estancia Siete Cerros, Köfaragó-Gyelnik Lichenotheca parva 18 (Herb. Osorio).

Cladonia chondrotyna Vain.

Brasil: Rio Grande do Sul, Cambará do Sul, on stones,

Febr. 1978, leg. C.S.Arbelo Martins (PUCRGS/MC, Herb. Osorio).

This species, scarcely reported in the literature, is known from a single locality in the state of Rio Grande do Sul: Santa Cruz (Sandstede 1938). The author's collections is in agreement with the uruguayan material identified by T. Ahti (URUGUAY: Treinta y Tres, Cuchilla de Dionisio, Estancia La Teja, Osorio 6098 in herb.

Stereocaulon ramulosum (Sw.) Räsusch.

Brasil: Rio Grande do Sul, Canela, on stones, Oct. 1976, leg. C.S.Arbelo Martins (PUCRGS/MC, Herb. Osorio) This species is known from several states in the south eastern Brazil and it reaches the State of Santa Catarina in this country (Müller Arg. 1891, 1895). The collection studied by the authors is the southernmost record of this species in Brazil and the first record of this genus for Rio Grande do Sul State.

SUMMARY: The genus Stereocaulon is reported for Rio Grande do Sul by first time. The occurrence of Cladonia confusa in this state is confirmed and a second of Cladonia chondrotypa is pointed out.

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